iSimple®

Expand Your Factory Radio
add
Satellite Radio

Harness Connection

iSimple®
GateWay™

Automotive Media Interface

Port 1 | Port 2 | Dip Switches *(See Manual)* | USB

FORD
LINCOLN
MERCURY

Owner's Manual
Media Gateway
ISFD11

PGHFD1

Table of Contents

Media Gateway & Optional Add-ons

*The Media Gateway will only support 2 inputs.

Factory Radio Not Included

Media Gateway Harness
Part #: PGHFD1

LCD Retention Harness
Part #: PGHFD1A

SIRIUS SATELLITE RADIO

DVD Player
(not included)

Media Gateway
Part #: PXAMG

PXAMGSR Cable

iSimple GateWay™
Automotive Media Interface
Harness Connection
Port 1   Port 2   USB

OR

MP3 Player
(not included)

1. Introduction

Thank you for purchasing the iSimple® Media Gateway. The Media Gateway is designed to provide endless hours of listening pleasure from your factory radio. To ensure that your SCC1 satellite radio tuner performs correctly with your radio, we recommend that you read this entire manual before attempting installation of the Media Gateway.

The Media Gateway allows connectivity for Sirius Satellite Radio tuner (SCC1 sold seperately) enabling full control of this device from the factory installed radio. It also retains original system features such as rear seat entertainment (if equipped).

2. Precautions

PREVENTING DAMAGE TO YOUR VEHICLE
Some installations require you to make wiring connections. To eliminate the risk of an electrical short, we recommend disconnecting the vehicle's battery prior to installation. If you do not feel comfortable making these connections, we suggest you seek professional installation.

PROPER MOUNTING LOCATION
Securely install the interface in a location free from: heat, humidity, moving parts, sharp metal edges or direct sunlight. We recommend securing the interface to a suitable location using: double sided tape, VelcroTM or zip-ties.

3. Compatibility Notes

This section will inform you of the specific requirements for your factory radio to be compatible with the Media Gateway. These notes will inform you of any issues or circumstances that can affect the compatibility of our product with your radio, audio system, or accessories. Not all factory radios are compatible with the Media Gateway. The Media Gateway will only work on models equipped with the specifications listed below. Please read and understand these notes before proceeding:

Radio Requirements

All 2005-2008, select 2009-2010 Non-Navigation Center Stack** - All 2005-2008 radios, navigation or non-navigation, that feature an "AUX" or "SIRIUS" button are compatible.* Select 2009-2010 non-navigation center stack radios that feature a "Sirius" button are compatible. In these vehicles the Media Gateway emulates a satellite tuner, therefore it is required that the vehicle be either equipped with an external satellite tuner or be Satellite Radio ready.

*Refer to **www.isimplesolutions.com** for the most updated compatibility information.

**Current vehicles equipped with center stack radio:
• 2009-2010 Ford F-150
• 2009 Ford Flex
• 2009 Lincoln MKS
• 2010 Ford Fusion
• 2010 Ford Mustang
• 2010 Lincoln MKZ
• 2010 Mercury Milan

4. Programming the Media Gateway (PXAMG)

The Media Gateway may need to be programmed before installation. To program the interface you will need to set the dip switches located on the side of the interface to the proper configuration listed below. Prior to installation the switches are in their default setting of "off" in the up position and are turned "on" when switched down. Refer to the chart below.

4A. When installing the Media Gateway for use with the SCC1 Sirius Satellite Radio tuner, dipswitch 2 needs to be ON (down) prior to installation.

In the event that Satellite Radio text appears on the radio and audio is playing but control of the Sirius tuner from the radio buttons is lost,
1. Disconnect the Media Gateway from the vehicle harness
2. Switch dip-switch #1 to the ON position
3. Wait five minutes
4. Reconnect the Media Gateway interface to the vehicle
Control of the iPod from the radio controls will now be possible.
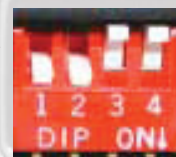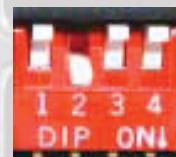
5. Installation

IMPORTANT NOTE

If you are installing the Media Gateway into any of the following vehicles the PGHFD1A harness is also required:

2008-2010 Ford Escape Non-Navigation
2009-2010 Ford F-150 Non Navigation
2009 Ford Flex Non-Navigation
2008-2010 Ford Focus
2008-2010 Mercury Mariner Non-Navigation
2009 Lincoln MKS Non-Navigation
2010 Ford Fusion Non-Navigation
2010 Ford Mustang Non-Navigation

1. When making electrical connections it is always recommended that the vehicle's battery be disconnected from the electrical system before performing the installation.

2. Carefully remove the trim panels covering the bolts that secure the radio into the dash cavity. Remove these bolts, and carefully pull the radio from the dash of the vehicle. This will provide access to the factory radio connectors where you will connect the Media Gateway harness.

3. Disconnect the factory 24-Pin and 16-Pin harnesses from the back of the radio. Disconnect the antenna from the radio.

4. When connecting the Satellite Radio tuner (SCC1 sold separartely), make the folllowing connections **before connecting the PXAMG to the vehicle**. Plug the black end of the 3 foot PXAMGSR cable (8-Pin mini-din to 8-Pin mini-din) into the second port (closest to the dipswitches) on the Media Gateway. Connect the gray end of this cable into the Satellite Radio tuner.

5. When connecting the auxiliary cable, plug the 8 pin mini-din into the port farthest from the dipswitches. Carefully run the auxiliary cable to the location where the auxiliary device will be stored. If you are using the RCA input it may be necessary to run the auxiliary device's output cable to the PXAMG location.

6. Plug in the male connectors on the PGHFD1 harness into the 24-pin port and 16-pin port on the back of the radio. Next, connect the factory 24-pin and 16-pin harness (if present) into the female connectors on the PGHFD1 harness. Be sure to make a firm connection but do not force it. If you are using the PGHFD1A harness, the 4 pin plug on this harness will connect to the 4-Pin plug on the PGHFD1 harness. The 12 pin plug on this harness will replace the current 12-pin harness connected to the LCD screen mounted above the radio. Disconnect the factory 12-Pin harness and do not reconnect. Plug the 12-Pin connector of the PGHFD1A harness into the LCD display. Again make a firm connection, but do not force. Plug the black micro-fit 24-pin connector on the PGHFD1 harness into the PXAMG Media Gateway box.

7. To complete the installation secure the Media Gateway (PXAMG) and Satellite Radio tuner (SCC1) into the cavity in the dash behind the radio. Be sure that the cables and interface modules are not near moving parts or sharp metal edges as they may damage the cables. To prevent rattling noises inside the dash, use zip ties, tape, or other fasteners to mount the interfaces securely.

8. With all connections made, reconnect the vehicle's battery, insert the key into the ignition, and turn the vehicle on. Check for proper operation of the Media Gateway and Satellite Radio tuner before reinstalling the factory dash panels.

9. Note: The first time you access the Gateway, your radio may display "DEV INIT" while the device is initializing. After initially connecting the Gateway, please wait one minute then cycle the ignition off and on. Then access SAT mode again to begin normal gateway operation.

6.Sirius Satellite Radio Operation (Non-Navigation Radios)

Press the AUX or Sirius button repeatedly (Must press SR icon & then use the SR123 icon on navigation radios) until "SIR-1" is displayed on the screen.

*** NOTE When you press the AUX or SAT button, you will see the corresponding SAT mode (for example SAT 1), a slight delay, and then the current Gateway mode will be displayed (HD Radio/iPod/Sir1 - Sir 2 - Sir 3/Line In)

Channel Up

Press the ▲ button to move up through the channels

Channel Down

Press the ▼ button to move down through the channels

Category Selection

Press the Menu button until "SAT CAT" is displayed. Immediately press the ▲ button to scroll through the categories. Stop when the category you want is displayed and it will automatically be selected by the PXAMG.

Store Presets

Press and hold the preset button on which you want to store the channel

Recall Presets

Press the button that corresponds with the channel you want to recall

Changing Display

Press the Text button to display artist and track information

Sirius Satellite Radio Operation (Navigation Radios)

Press the AUX or Sirius button repeatedly (Must press SR icon & then use the SR123 icon on navigation radios) until "SIR-1" is displayed on the screen.

*** NOTE When you press the AUX or SAT button, you will see the corresponding SAT mode (for example SAT 1), a slight delay, and then the current Gateway mode will be displayed (HD Radio/iPod/Sir1 - Sir 2 - Sir 3/Line In)

Channel Up

Press the Tune ▲ button to move up through the channels

Channel Down

Press the Tune ▼ button to move down through the channels

Category Selection
Press Preset 6 to bring up the Categories menu. Press the ▲ or ▼ icons on the screen to scroll through the categories. Press the icon that represents the category you wish to select.

Store Presets
Press and hold the preset button on which you want to store the channel

Recall Presets
Press the button that corresponds with the channel you want to recall

7. Selecting AUX Input

Press the AUX or Sirius button repeatedly (Must press SR icon & then use the SR123 icon on navigation radios) until "AUX" is displayed on the screen.

*** NOTE When you press the AUX or SAT button, you will see the corresponding SAT mode (for example SAT 1), a slight delay, and then the current Gateway mode will be displayed (HD Radio/iPod/Sat1 - Sat 2 - Sat 3/Line In)

For instructions on the operation of the factory installed Satellite Radio tuner, please reference the owners's manual supplied with the vehicle.

8. Troubleshooting

Symptom	Cause	Remedy
Radio shows "DEV INIT"	Media Gateway device is initializing.	This only occurs the first time the Media Gateway is powered on. Wait a few minutes, cycle ignition off and on then enter SAT mode.
The Media Gateway does not recognize the SCC1	The SCC1 tuner was not properly connected when the PXAMG was first connected and initialized.	SCC1 must be connected before the PXAMG is plugged in. Disconnect the PXAMG from the vehicle harness for at least 5 minutes. Verify the 8 pin PXAMGSR cable is securely connected at both ends before reconnecting the vehicle harness.
I hear the Satellite Radio but the separate screen does not display the information.	The PGHFD1A harness is required for vehicles equipped with a separate LCD screen.	Install the PGHFD1A harness as described on page 4.

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9. Warranty

One Year Limited Warranty

The quality controls used in the manufacture of this product will ensure your satisfaction. This warranty applies only to the original purchaser of this product from an authorized iSimple® dealer. This warranty covers any supplied or manufactured parts of this product that, upon inspection by iSimple® authorized personnel, is found to have failed in normal use due to defects in material or workmanship. This warranty does not apply to installation expenses. Attempting to service or modify this unit, operating this unit under conditions other than the recommended voltage will render this WARRANTY VOID.

Unless otherwise prescribed by law, iSimple® shall not be liable for any personal injury, property damage and or any incidental or consequential damages of any kind (including water damage) resulting from malfunctions, defects, misuse, improper installation or alteration of this product. All parts of this iSimple® product are guaranteed for a period of 1 year as follows:

Within the first 12 months from date of purchase, subject to the conditions above, iSimple® will repair or replace the product at their discretion, if it is defective in material or workmanship providing it is returned to an Authorized iSimple® dealer, with PROOF OF PURCHASE from an authorized iSimple® dealer.

Warning:

This equipment may be reset by unintentional electrostatic discharge during operation. Exposure to direct sunlight or extreme heat may cause damage or malfunction.

FCC Class B Radio Frequency

Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television recption, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
  1. Reorientate or relocate the receiving antenna.
  2. Increase the separation between the equipment and reciever.
  3. Connect the equipment into an outlet on a circuit differant from that of which the reciever is connected.
  4. Consult the dealer or an experienced radio / television technical for help.

Notice : The changes or modifications not expressly approved by the party responsible for compliance could void the user authority to operate the equipment.

Notes

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www.isimplesolutions.com

For Best Performance Have It Professionally Installed.

iSimple®

GateWay™ SAT

FACTORY RADIO UPGRADE KIT
FOR SIRIUS SATELLITE

MAKE THE CONNECTION ▶

SIRIUS
satellite radio

+

Audio input
mp3 players
smart phones
portable devices

SIRIUS
SATELLITE RADIO

SCC1
SIRIUS CONNECT VEHICLE TUNER

FD1

FORD • LINCOLN • MERCURY

ISFD11

**SEE BACK TO
FIND YOUR
VEHICLE** ▶

FIND YOUR VEHICLE

Non-navigation radios must have an "AUX", "Sirius", or "SAT" button on the face of the radio.
2009 and up vehicles equipped with naviagtion are not compatible.

Ford

Edge	2007 - 2010
Escape	2008 - 2009
Expedition	2007 - 2010
Explorer	2006 - 2010
Explorer Sport Trac	2007 - 2010
F-150	2005 - 2010
F-250	2008 - 2010
F-350	2008 - 2010
F-450	2008 - 2010
Five Hundred	2006 - 2007
Flex	2009 - 2010
Freestyle	2006 - 2007
Focus	2006 - 2009
Fusion	2006 - 2009
Mustang	2007 - 2009
Taurus	2008 - 2009
Taurus X	2008

2009 and up vehicles equipped with navigation are NOT compatible.

LINCOLN

MKZ	2007 - 2009
MKX	2007 - 2010
Mark LT	2006 - 2008
Navigator	2007 - 2010
Zephyr	2006

Milan	2006 - 2009
Mariner	2008 - 2009
Montego	2005 - 2007
Mountaineer	2006 - 2010
Sable	2008 - 2009

ISFD11 030910

How it works:

Factory Radio

Vehicle specific harness

Media Gateway

SCC1 Satellite Radio Tuner
(sold separately)

SIRIUS SATELLITE RADIO

Other
mp3 player or audio source
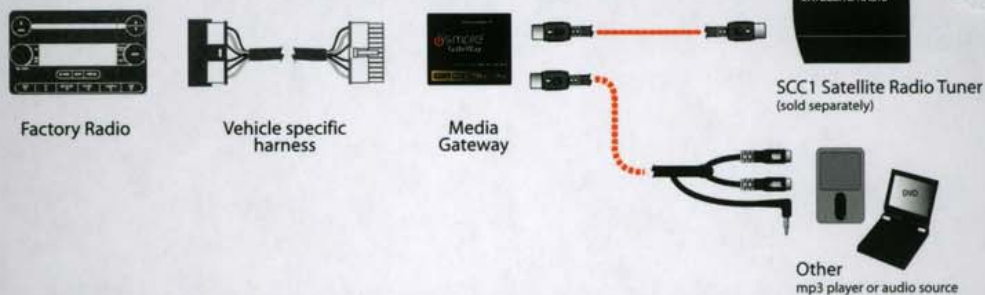
MORE MUSIC
More than 180 channels
of 100% commercial-free music

EASY OPERATION
Controls satellite radio
through factory radio

AUX INPUT
Works with most
portable media devices

You will need:

SIRIUS
SATELLITE RADIO

SCC1
SIRIUS CONNECT VEHICLE TUNER

Sirius SCC1
Satellite Radio Tuner

Please consult your retailer for details or questions regarding compatibility

For Best Performance Have It Professionally Installed.

MECP
Powered by
CEA

www.isimplesolutions.com

WHAT'S INSIDE

Satellite Radio Add-On Cable

iSimple GateWay
Automotive Media Interface

Harness Connection

Port 1 | Port 2 | Dip Switches (See Manual) | USB

GateWay

Auxiliary Audio Inputs

Vehicle Specific Harness

Owner's Manual

SIRIUS
SATELLITE RADIO

SCC1
SIRIUS CONNECT VEHICLE TUNER

Add SIRIUS programming to your factory installed car stereo by upgrading it with a SCC1 Satellite Radio Tuner (SOLD SEPARATELY)

A monthly subscription is required to use SIRIUS satellite radio.
Please speak with a sales associate or visit www.sirius.com for further details.

The iSimple® GateWay™SAT also comes with auxiliary inputs that let you connect with most of today's popular portable media players including:

iPhone / iPod
- iPhone
- iPod touch
- iPod

mp3 Players
- Microsoft Zune
- Creative Zen / MuVo
- iRiver Spinn / E100 / Clix
- Sony E/S/X Series Walkman
- Toshiba Gigabeat
- ScanDisk Sansa/Sansa Fuze
- Samsung P2/Q2/U5

smart phones
- Blackberry
- Palm Pre & Trio
- LG Dare & Incite
- Samsung Instinct
- Nokia N95 & N97

portable devices
- CD or DVD players
- Laptop computers
- Portable HD radio tuners
- GPS systems
- Handheld gaming systems
- Portable SIRIUS/XM receivers

Note: Smart phones must have 3.5mm headphone input to be compatible.

YOUR DRIVE.
YOUR MUSIC.

The iSimple® GateWay™SAT seamlessly integrates a SIRIUS SCC1 satellite radio tuner with your vehicle's factory installed stereo system, giving you access to more than 180 channels of 100% commercial free music, talk, news and more. And, if that wasn't enough, the GateWay SAT also offers you the freedom of enjoying audio playback from a wide variety of portable media devices - including mp3 players, smartphones, handheld gaming systems and even laptop computers - while on the road right through your radio without any static or interference.

Made in China

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